

Sustainability:

Pie in the Sky Idea

or Business Strategy?



Resolve System ,1999

Design for Environment (DFE)

HOME

 Herman Miller

The environmental goal of
Herman Miller is to become a
sustainable company

HOME

A sustainable company is one
which can produce its product
without harming the ability of
future generations to do the same

HOME

A sustainable company is one which creates products while monitoring the triple bottom line.

A balance between a project's impact on the company's Economics, Environment and Equity.

HOME

How a Company Can Reach for IT !

- Management support
- Structure to get things done
- Goals and strategy
- Results

"Herman Miller shall be a good
corporate steward of the environment."

—DJ DePree, 1953



Max, DJ & Hugh DePree

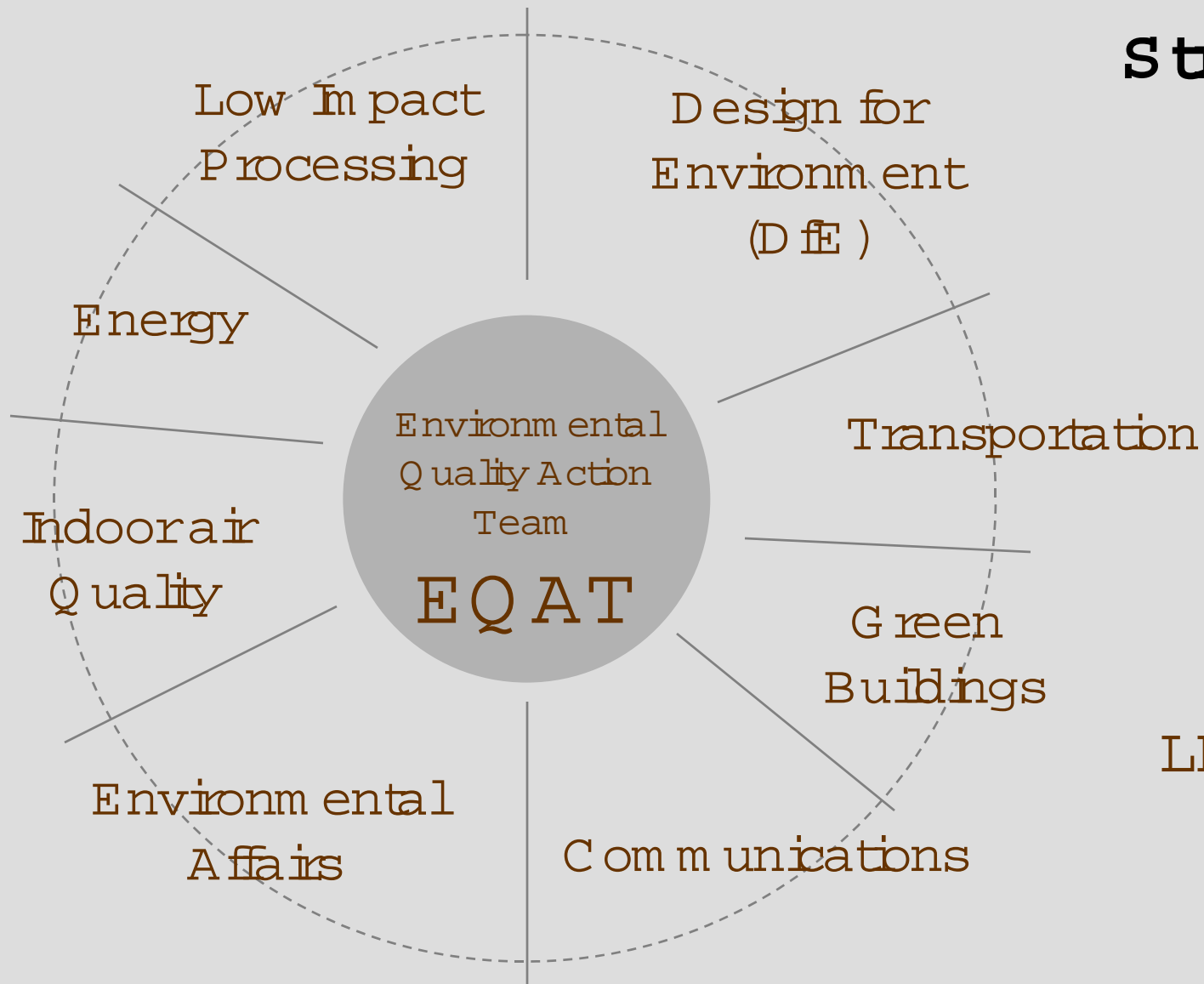
Blueprint for Corporate Community, 1996

- Making a meaningful contribution to our customers
- Responding to change through design and innovation
- Creating economic value for investors and employee-owners
- Cultivating community, participation and people development
- Living with integrity and respecting the environment



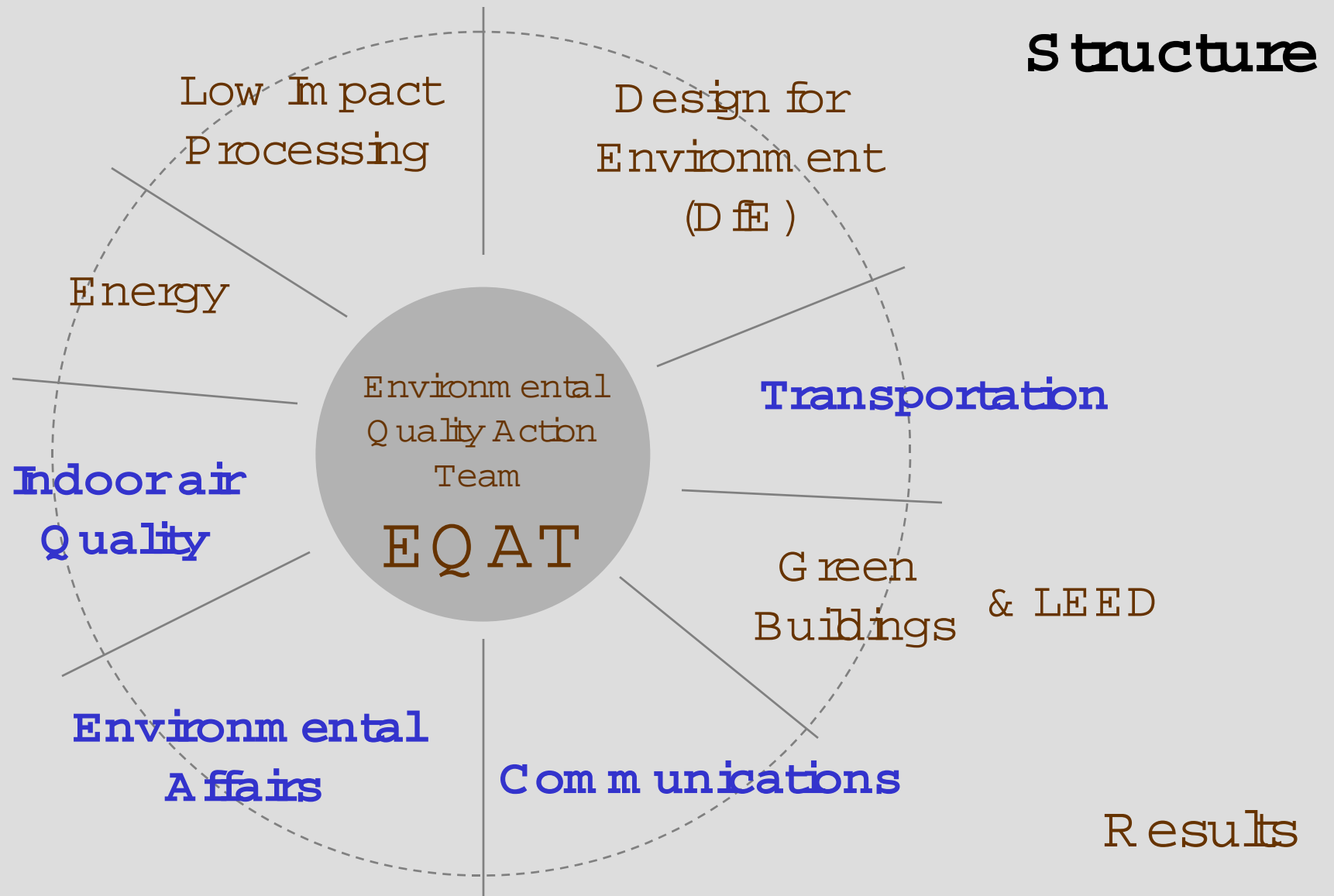
Mike Volken, Chairman, President & CEO

Structure



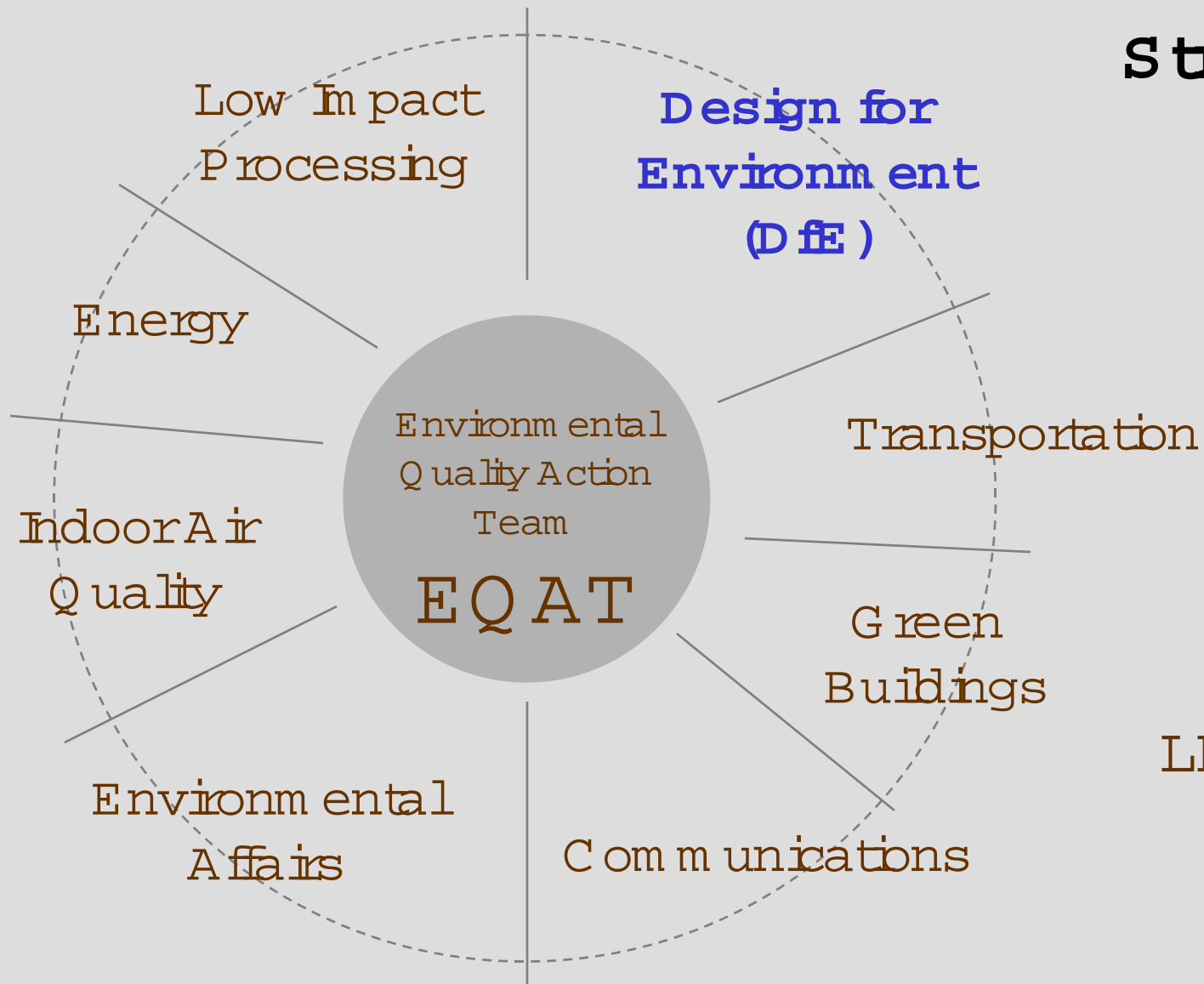
LEED 101

Results



HOME

Structure



LEED 101

Results

HOME

Design Criteria - DfE Version 1

- Durability
- Innovative design
- Longevity of design
- Manufactured with minimal impact



HOME

Design Criteria -DfE Version 1

- Durability
- Innovative design
- Longevity of design
- Manufactured with minimal impact

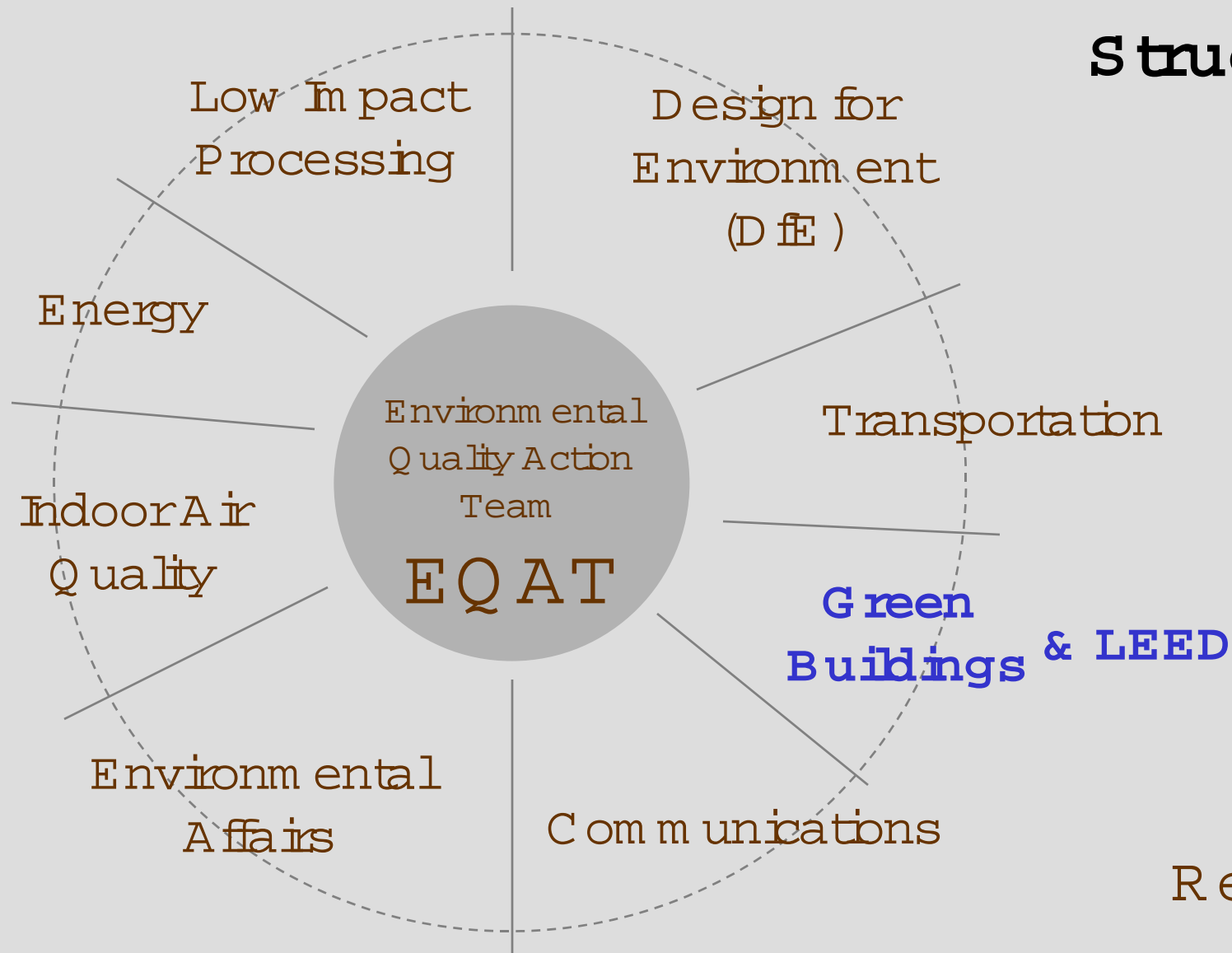
Version 2 'MBDC Protocol'

- Formalize DfE Version 1
- Component content evaluations



HOME

Structure



Results

HOME



GreenHouse, William McDonough & Partners, 1995

Green Buildings

LEED 101

HOME

 Herman Miller



Frontal view , GreenHouse

HOME



Storm water retention pond, GreenHouse



Main Street, GreenHouse

Green Buildings

HOME

 Herman Miller



GreenHouse

 Herman Miller



Canton Facility, Canton, Georgia

Green Buildings

HOME

 Herman Miller

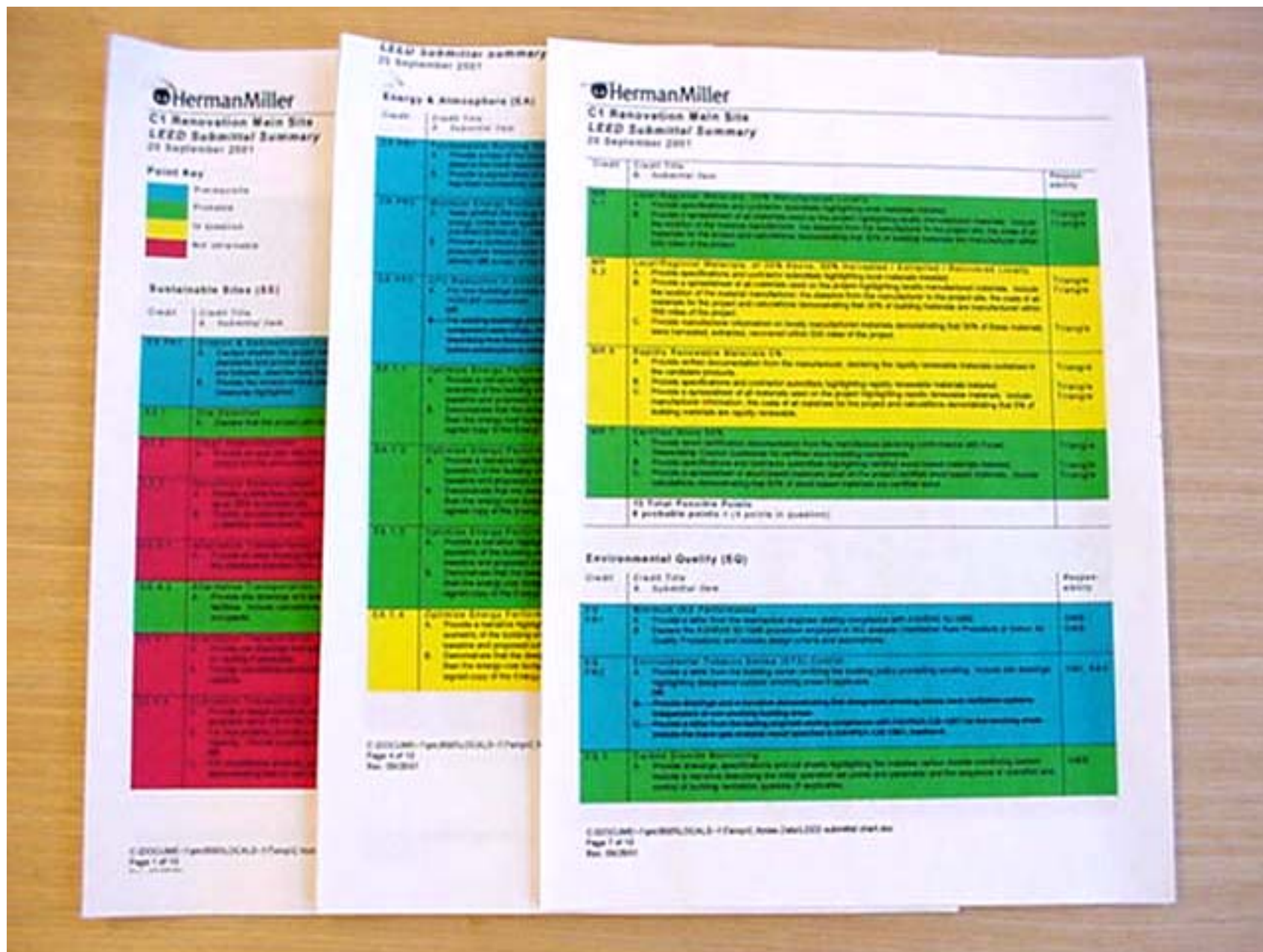


Design Yard, Meyer, Scherer & Rockcastle, 1987 & 1999

Green Buildings

HOME

 Herman Miller



LEED certification check list

Green Buildings

HOME

HermanMiller



C-1, Main Site

Green Buildings

HOME

 Herman Miller



C-1 Renovation awarded USGBC Gold Certification, 2003



New Construction V 2.0

HM I's C-1 Renovation Project

• Sustainable sites	14 pts	5 pts
• Water efficiency	5 pts	2 pts
• Energy & atmosphere	17 pts	10 pts
• Materials & resources	13 pts	8 pts
• Environmental quality	15 pts	11 pts
<u>• Design excellence</u>	<u>5 pts</u>	<u>4 pts</u>
Total Points Possible	69 pts	40 pts

HOME



MarketPlace, InteriorArchitects, 2001

Green Buildings

H O M E

 Herman Miller



A sunny day in West Michigan

Green Buildings

HOME

 Herman Miller



New Construction V 2.0

HM Is Marketplace Project

• Sustainable sites	14 pts	7 pts
• Water efficiency	5 pts	3 pts
• Energy & atmosphere	17 pts	9 pts
• Materials & resources	13 pts	6 pts
• Environmental quality	15 pts	9 pts
• <u>Design excellence</u>	<u>5 pts</u>	<u>5 pts</u>
Total Points Possible	69 pts	39 pts

HOME



- LEED - New Construction V.2.0
- LEED - Core and Shell
- LEED - Commercial Interiors
- LEED - Existing Buildings
- LEED - Residential Buildings



HOME



New Construction V 2.0

1.Sustainable sites	14 pts
2.W aterefficiency	5 pts
3.Energy & atm osphere	17 pts
4.M aterials & resources	13 pts
5.Envirnmentalquality	15 pts
<u>6.Design excellence</u>	<u>5 pts</u>

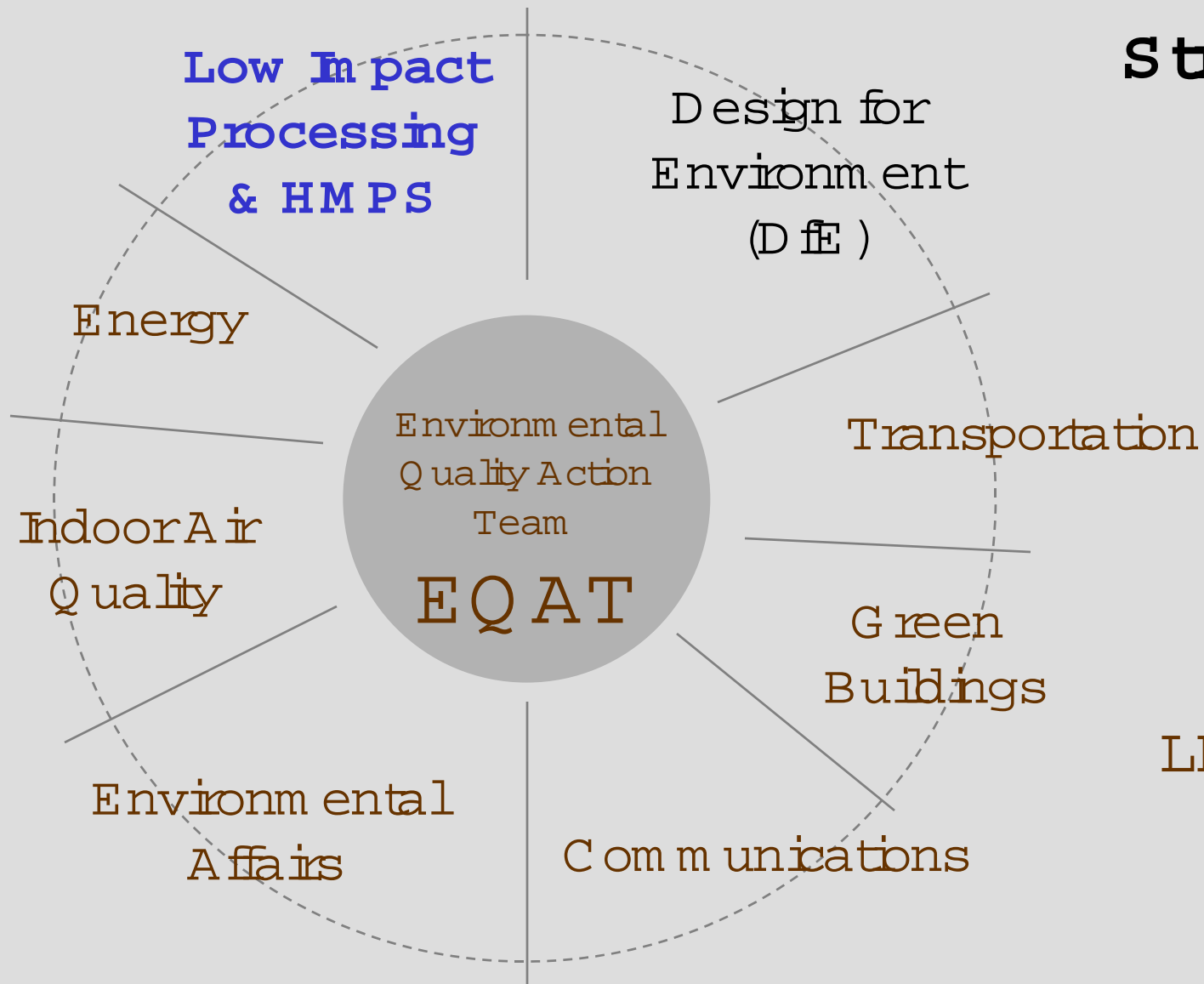
TOTAL POINTS 79 PTS

Commercial Interiors (DRAFT)

1.Sustainable sites	7pts
2.W aterefficiency	2 pts
3.Energy & atm osphere	14 pts
4.M aterials & resources	14 pts
5.Indoorenvironm entalquality	15 pts
6.Innovation & <u>accredited professional</u>	5 pts

TOTAL POINTS 57 PTS

Structure



LEED 101

Results

HOME

Year	Recycle	Landfill	Sawdust	EC	Total Waste
1994	5.0	21.0	6.3	19.5	51.8
1995	13.0	9.0	6.9	19.4	48.3
1996	15.6	6.6	6.2	17.1	45.5
1997	21.3	8.2	8.5	18.5	56.6
1998	20.8	8.2	8.3	21.9	59.4
1999	20.1	8.1	8.7	20.9	57.8
2000	22.7	8.5	9.1	21.3	61.7
2001	19.8	6.6	5.8	16.7	49.1
2002	16.2	5.9	5.9	14.5	42.7

HOME

Herman Miller, Inc.

Paul Murray

paul_murray@hermanmiller.com

616 654 5035

HOME





HOME